

Cloisite® 30B

Attachment F

Page 1 of 2

CLOISITE® 30B	TYPICAL PHYSICAL PROPERTIES BULLETIN
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Description:

Cloisite® 30B is a natural montmorillonite modified with a quaternary ammonium salt.



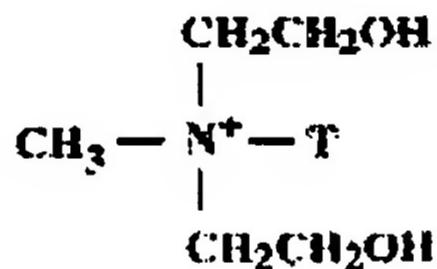
Not registered for supply to the European Union

Designed Used:

Cloisite® 30B is an additive for plastics to improve various plastic physical properties, such as reinforcement, HDT, CLTE and barrier.

Typical Properties:

Treatment/Properties:	Organic Modifier (1)	Modifier Concentration	% Moisture	% Weight Loss on Ignition
Cloisite® 30B	MT2EtOT	90 meq/100g clay	< 2%	30%



Where T is Tallow (~65% C18; ~30% C16; ~5% C14)
Anion: Chloride

(1) MT2EtOH: methyl, tallow, bis-2-hydroxyethyl, quaternary ammonium

Typical Dry Particle Sizes: (microns, by volume)

10% less than:	50% less than:	90% less than:
2μ	6μ	13μ

Color: Off White

Density:

Loose Bulk, lbs/ft³	Packed Bulk, lbs/ft³	Specific Gravity, g/cc
14.25	22.71	1.98

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Page 2 of 2

X Ray Results: $d_{001} = 18.5\text{\AA}$

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